

**From:** [Sebesta, Lisa](#)  
**To:** [Fuentes, Rene](#)  
**Cc:** [Winiecki, Eric](#); [Freeman, Kevin](#); [Mullen, Tom](#)  
**Subject:** DOCKET NO. SDWA-10-2013-0080 / Groundwater Monitoring Well Installation Activities - Sunday, July 21, 2013 Update  
**Date:** Monday, July 22, 2013 7:21:32 AM

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Rene,

On Sunday, July 21, Cascade completed YVD-10. The surface completion consisted of a concrete seal (0-3 ft bgs), concrete pad, steel riser, and bollards. Cascade set up and drilled at YVD-14. The boring was advanced to 98 ft bgs. The general lithology consisted of silt to 10 ft and sand/gravelly sand to 98 ft bgs. GW was first encountered at 73 ft bgs. Groundwater was allowed to stabilize overnight and well installation will resume Monday, July 22, 2013.

Please let me know if you have questions.

Thank You,

**Lisa Sebesta** | Geologist 2 | [lisa.sebesta@arcadis-us.com](mailto:lisa.sebesta@arcadis-us.com)

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**From:** Sebesta, Lisa  
**Sent:** Sunday, July 21, 2013 9:44 AM  
**To:** 'Fuentes, Rene'  
**Cc:** 'Winiecki, Eric'; Freeman, Kevin; Mullen, Tom  
**Subject:** DOCKET NO. SDWA-10-2013-0080 / Groundwater Monitoring Well Installation Activities - Saturday, July 20, 2013 Update

Rene,

On Sunday, July 20th, Cascade installed YVD-10. The boring was advanced to 108 ft bgs. Lithology consisted of silt to 10 feet bgs. Gravelly sand from 10 to 76 feet bgs. Gravel was encountered from 76 to 108 feet bgs. Water level stabilized at 88.25 feet bgs. The well was screened from 83-103 feet. Centralizers were installed at 103, 83, and 33 feet bgs. Sand filter pack was installed and surged to 76 feet bgs.

Cascade will finish the well with bentonite seal, concrete plug/pad, steel riser, and bollards on Sunday, July 21, 2013.

Let me know if you have questions.

Thanks,

**Lisa Sebesta** | Geologist 2 | [lisa.sebesta@arcadis-us.com](mailto:lisa.sebesta@arcadis-us.com)

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